Kit Contents

Description	Part No	Pcs
Shock absorber	SU 904	1
Sticker set Öhlins		1
Mounting rubber	00230-01	2
Tie-rap	00231-01	2
Hose clamp	00643-02	2
Hook spanner	00710-02	1
Sticker memo notes	01180-01	1
Owner's manual	07241-02	1

Note!

Please note that during storage and transportation, especially at high ambient temperature, some of the oil and grease used for assembling may leak and stain the packaging. This is in no way detrimental to the product, wipe off the excessive oil/grease with a cloth.

Note!

Before installing this product, check the contents of the kit. If anything is missing, please contact an Öhlins dealer.

Warning!

Before installing this product, read the Öhlins Owner's Manual. The shock absorber/front fork/steering damper is an important part of your vehicle and will affect the stability.

Shock absorber for Suzuki RGV 250 -89

SU 904

Mounting Instructions

ÖHLINS
ADVANCED SUSPENSION TECHNOLOGY

MOUNTING INSTRUCTIONS

⚠ Warning!

It is advisable to have an Öhlins dealer install the shock absorber/front fork/steering damper.

⚠ Warning!

If working on a raised vehicle, ensure it is securely supported so that it will not tip.

Note!

Before mounting this product clean the vehicle thoroughly.

Note!

When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

1

Put the motorcycle on a workstand so that the rear wheel barely touches the ground.

2

Remove the bottom of the fairing.

3

Remove the seat and the left side cover.

4

Loosen and remove the two shock absorbe bolts. Remove the shock absorber up and through the rear.

5

Install the Öhlins shock absorber. Lift the wheel slightly and mount the two bolts. Place the reservoir according to the figure. Mount the reservoir with the mounting rubbers and hose clamps.

6

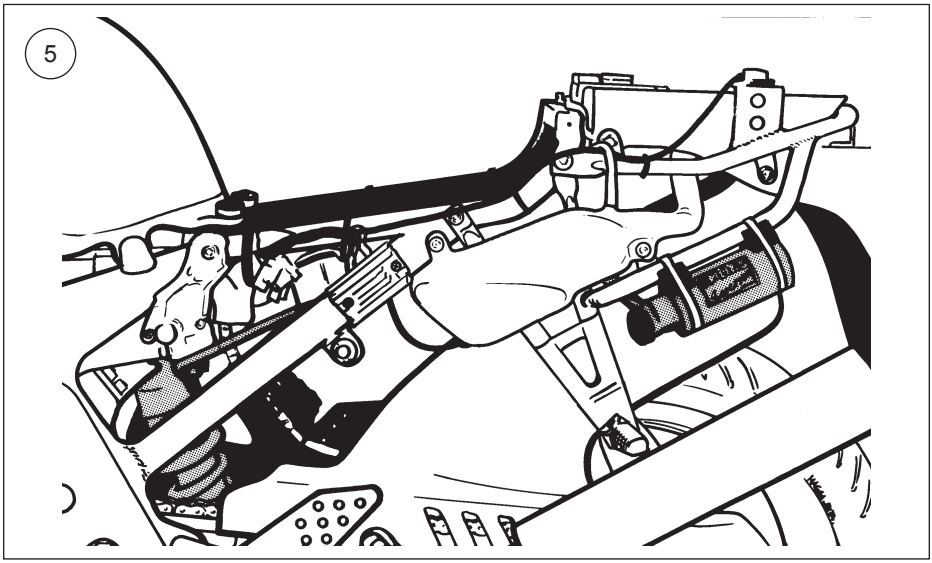
Mount the side cover, seat and fairing.

Note!

Lower the vehicle so that the suspension is slightly compressed before tightening the screws.

Caution!

Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber/front fork/steering damper when the suspension is fully compressed or extended.


5

ADJUSTMENTS

⚠ Warning!

Before riding, always make sure that the basic settings made by Öhlins are according to recommended Set-up Data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up.

Caution!

On this model the adjustable end eye/bracket must not be threaded out more than that the groove is visible beneath the lock nut. Make sure the lock nut is tightened after adjusting.

SET-UP DATA

Length	308 $^{+4}/_{-8}$	mm
Stroke	55	mm
Rebound	16	clicks
Compression	10	clicks
Spring preload	11	mm

Öhlins products are subject to continuous improvement and development, therefore, although these instructions include the most up-to-date information available at the time of printing, minor updates may occur.

To find the latest information contact an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

Part no. MI_SU904_2
Issued 2025-04-14

© Öhlins Racing AB. All rights reserved. Any reprinting or unauthorized use without the written permission of Öhlins Racing AB is prohibited.

Öhlins Racing AB
Box 722
S-194 27 Upplands Väsby, Sweden
Phone +46 8 590 025 00
fax +46 8 590 025 80

ÖHLINS
ADVANCED SUSPENSION TECHNOLOGY

www.ohlins.com